






COLORING LUSTROUS PIGMENT**Publication number:** JP10060303 (A)**Publication date:** 1998-03-03**Inventor(s):** BUJARD PATRICE [CH]; BONNARD NATACHA [CH]**Applicant(s):** CIBA GEIGY AG [CH]**Classification:**

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Abstract of JP 10060303 (A)

PROBLEM TO BE SOLVED: To obtain a coloring pigment which gives a medium contg. a number of pigments incorporated therein a distinct high-chroma color in all the visual angles and visually widens a difference between the color when viewed at a flat visual angle and the color when viewed at a steep visual angle by selecting one comprising a specific core and a specific coating. **SOLUTION:** This pigment comprises a core comprising a substantially transparent material, pref. mica; a reflective metallic material, pref. Ag, Al, Au, Cu, Cr, Ge, Mo, Ni, Si, Ti, or their alloys, graphite, and Fe₂O₃ or MoS₂, or still pref. a material comprising Al or MoS₂, and at least one coating substantially comprising at least one silicon oxide having a molar ratio of Si to O of, on average, 0.25-0.95, pref. 0.6-0.8.; The core is pref. a platelet having a length of 1-200 μ m, a width of 1-200 μ m, and a thickness of 0.01-5 μ m. The coating pref. has a thickness of 10-500 μ m, esp. pref. 70-500 μ m.

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